

National Functional Guidelines Report #03

Lab MITKEM(Mitkem Laboratories) SDG MF2B95 Case 43795 Contract EPW09039 Region 6 DDTID 184076 SOW ISM01.3

Data Review Reports

Blanks

| Blanks | ICP_AES |
|--------|--|
| ND03 | The following samples have analyte results greater than or equal to MDLs but less than CRQLs. The associated ICB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Detected analytes are qualified U. Nondetected analytes are not qualified. Sample results are elevated to CRQLs. |
| | PBW40, MF2C03, MF2C51, MF2B95, MF2B95D, MF2B97, MF2B99, MF2C01 |
| | Sodium PBW40 |
| | Calcium PBW40 |
| | Potassium MF2C03 , MF2C51 , PBW40 , MF2B95 , MF2B95D , MF2B97 , MF2B99 , MF2C01 |
| | Magnesium PBW40 , MF2B95 , MF2B95D |
| Blanks | ICP_AES |
| ND04 | The following samples have analyte results greater than or equal to MDLs but less than CRQLs. The associated CCB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Detected analytes are qualified U. Nondetected analytes are not qualified. Sample results are elevated to CRQLs. |
| | PBW40, MF2C03, MF2C51, MF2B95, MF2B95D, MF2B97, MF2B99, MF2C01 |
| | Sodium PBW40 |
| | Calcium PBW40 |
| | Potassium MF2C03 , MF2C51 , PBW40 , MF2B95 , MF2B95D , MF2B97 , MF2B99 , MF2C01 |
| | Magnesium PBW40 , MF2B95 , MF2B95D |
| Blanks | ICP_AES |
| ND05 | The following samples have analyte results greater than CRQLs. The associated ICB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Use professional judgment to qualified detected and nondetected analytes. |
| | MF2C03, MF2C05, MF2C07, MF2C15, MF2C27, MF2C29, MF2C30, MF2C31, MF2C33, MF2C35, MF2C39, MF2C41, MF2C45, MF2C47, MF2C49, MF2C51, LCS40, MF2B95, MF2B95D, MF2B95L, MF2B97, MF2B99, MF2C01 |
| | Sodium MF2C03 , MF2C05 , MF2C07 , MF2C15 , MF2C27 , MF2C29 , MF2C30 , MF2C31 , MF2C33 , MF2C35 , MF2C39 , MF2C41 , MF2C45 , MF2C47 , MF2C49 , MF2C51 , LCS40 , MF2B95 , MF2B95D , MF2B95L , MF2B97 , MF2B99 , MF2C01 |
| | Calcium MF2C03 , MF2C05 , MF2C07 , MF2C15 , MF2C27 , MF2C29 , MF2C30 , MF2C31 , MF2C33 , MF2C35 , MF2C39 , MF2C41 , MF2C45 , MF2C47 , MF2C49 , MF2C51 , LCS40 , MF2B95 , MF2B95D , MF2B95L , MF2B97 , MF2B99 , MF2C01 |
| | Potassium MF2C05 , MF2C07 , MF2C15 , MF2C27 , MF2C29 , MF2C30 , MF2C31 , MF2C33 , MF2C35 , MF2C39 , MF2C41 , MF2C45 , MF2C47 , MF2C49 , LCS40 |
| | Magnesium MF2C03 , MF2C05 , MF2C07 , MF2C27 , MF2C30 , MF2C31 , MF2C33 , MF2C35 , MF2C39 , MF2C41 , MF2C45 , MF2C47 , MF2C49 , MF2C51 , LCS40 , MF2B97 , MF2B99 , MF2C01 |
| Blanks | ICP_AES |
| ND06 | The following samples have analyte results greater than CRQLs. The associated CCB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Use professional judgment to qualified detected and nondetected analytes. |
| | MF2C03, MF2C05, MF2C07, MF2C15, MF2C27, MF2C29, MF2C30, MF2C31, MF2C33, MF2C35, MF2C39, MF2C41, MF2C45, MF2C47, MF2C49, MF2C51, LCS40, MF2B95, MF2B95D, MF2B95L, MF2B97, MF2B99, MF2C01, MF2B95S |
| | Sodium MF2C03 , MF2C05 , MF2C07 , MF2C15 , MF2C27 , MF2C29 , MF2C30 , MF2C31 , MF2C33 , MF2C35 , MF2C39 , MF2C41 , MF2C45 , MF2C47 , MF2C49 , MF2C51 , LCS40 , MF2B95 , MF2B95D , MF2B95L , MF2B97 , MF2B99 , MF2C01 |

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Blanks

| Blanks | ICP_AES |
|--------|--|
| | Calcium MF2C03 , MF2C05 , MF2C07 , MF2C15 , MF2C27 , MF2C29 , MF2C30 , MF2C31 , MF2C33 , MF2C35 , MF2C39 , MF2C41 , MF2C45 , MF2C47 , MF2C49 , MF2C51 , LCS40 , MF2B95 , MF2B95D , MF2B95L , MF2B97 , MF2B99 , MF2C01 |
| | Potassium MF2C05 , MF2C07 , MF2C15 , MF2C27 , MF2C29 , MF2C30 , MF2C31 , MF2C33 , MF2C35 , MF2C39 , MF2C41 , MF2C45 , MF2C47 , MF2C49 , LCS40 |
| | Magnesium MF2C03 , MF2C05 , MF2C07 , MF2C27 , MF2C30 , MF2C31 , MF2C33 , MF2C35 , MF2C39 , MF2C41 , MF2C45 , MF2C47 , MF2C49 , MF2C51 , LCS40 , MF2B97 , MF2B99 , MF2C01 |
| | Manganese MF2C03 , MF2C05 , MF2C07 , MF2C15 , MF2C27 , MF2C29 , MF2C30 , MF2C31 , MF2C33 , MF2C35 , MF2C39 , MF2C41 , MF2C45 , MF2C47 , MF2C49 , MF2C51 , LCS40 , MF2B95 , MF2B95D , MF2B95L , MF2B95S , MF2B97 , MF2B99 , MF2C01 |
| Blanks | ICP_AES |
| NE04 | The following samples have analyte results greater than or equal to MDLs but less than or equal to CRQLs. The associated preparation blank analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Detected analytes are qualified U. Nondetected analytes are not qualified. Sample results are elevated to CRQLs. |
| | MF2C03, MF2C51, MF2B95, MF2B95D, MF2B97, MF2B99, MF2C01 |
| | Potassium MF2C03 , MF2C51 , MF2B95 , MF2B95D , MF2B97 , MF2B99 , MF2C01 |
| | Magnesium MF2B95 , MF2B95D |
| Blanks | ICP_AES |
| NE05 | The following samples have analyte results greater than CRQLs. The associated preparation blank analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Use professional judgment to qualify detected and nondetected analytes. |
| | MF2C01, MF2C03, MF2C05, MF2C07, MF2C15, MF2C27, MF2C29, MF2C30, MF2C31, MF2C33, MF2C35, MF2C39, MF2C41, MF2C45, MF2C47, MF2C49, MF2C51, LCS40, MF2B95, MF2B95D, MF2B95L, MF2B97, MF2B99 |
| | Sodium MF2C01 , MF2C03 , MF2C05 , MF2C07 , MF2C15 , MF2C27 , MF2C29 , MF2C30 , MF2C31 , MF2C33 , MF2C35 , MF2C39 , MF2C41 , MF2C45 , MF2C47 , MF2C49 , MF2C51 , LCS40 , MF2B95 , MF2B95D , MF2B95L , MF2B97 , MF2B99 |
| | Calcium MF2C03 , MF2C05 , MF2C07 , MF2C15 , MF2C27 , MF2C29 , MF2C30 , MF2C31 , MF2C33 , MF2C35 , MF2C39 , MF2C41 , MF2C45 , MF2C47 , MF2C49 , MF2C51 , LCS40 , MF2B95 , MF2B95D , MF2B95L , MF2B97 , MF2B99 , MF2C01 |
| | Potassium MF2C05 , MF2C07 , MF2C15 , MF2C27 , MF2C29 , MF2C30 , MF2C31 , MF2C33 , MF2C35 , MF2C39 , MF2C41 , MF2C45 , MF2C47 , MF2C49 , LCS40 |
| | Magnesium MF2C03 , MF2C05 , MF2C07 , MF2C15 , MF2C27 , MF2C29 , MF2C30 , MF2C31 , MF2C33 , MF2C35 , MF2C39 , MF2C41 , MF2C45 , MF2C47 , MF2C49 , MF2C51 , LCS40 , MF2B97 , MF2B99 , MF2C01 |

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Data Review Reports

Blanks

| Blanks | ICP_MS |
|--------|--|
| NCB01 | The following samples have analyte results greater than or equal to MDLs but equal to CRQLs. The associated ICB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Detected analytes are qualified U. Nondetected analytes are not qualified. Sample results are reported at CRQLs. |
| | MF2C33, MF2C35 |
| | Cobalt MF2C33 |
| | Lead MF2C35 |
| Blanks | ICP_MS |
| NCB02 | The following samples have analyte results greater than or equal to MDLs but equal to CRQLs. The associated CCB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Detected analytes are qualified U. Nondetected analytes are not qualified. Sample results are reported at CRQLs. |
| | MF2C33, MF2C27, MF2C35 |
| | Cobalt MF2C33 |
| | Copper MF2C27 |
| | Lead MF2C35 |
| Blanks | ICP_MS |
| ND03 | The following samples have analyte results greater than or equal to MDLs but less than CRQLs. The associated ICB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Detected analytes are qualified U. Nondetected analytes are not qualified. Sample results are elevated to CRQLs. |
| | MF2C15, MF2C27, MF2C29, MF2C30, MF2C31, MF2C33, MF2C35, MF2C39, MF2B95, MF2C47, MF2B95D, MF2C49, MF2C51, MF2B95L, PBW39, MF2B97, MF2B99, MF2C01, MF2C03, MF2C05, MF2C07, MF2C41, MF2C45 |
| | Vanadium MF2C15, MF2C27, MF2C29, MF2C30, MF2C31, MF2C33, MF2C35, MF2C39, MF2B95, MF2C47, MF2B95D, MF2C49, MF2C51, MF2B95L, PBW39, MF2B97, MF2B99, MF2C01, MF2C03, MF2C05, MF2C07 |
| | Arsenic MF2C29, MF2B95L |
| | Barium MF2C29, MF2B95L |
| | Cobalt MF2C15, MF2C27, MF2C29, MF2C30, MF2C31, MF2C41, MF2C45, MF2B95, MF2B95D, MF2B95L, MF2B97, MF2B99, MF2C01, MF2C03, MF2C05, MF2C07 |
| | Beryllium MF2C33, MF2C35, MF2C39, MF2C41, MF2C45, MF2B95, MF2C47, MF2C49, MF2B95D, MF2C51, MF2B95L, MF2B97, MF2B99, MF2C01, MF2C03, MF2C05 |
| | Antimony MF2C31, MF2C33, MF2B99, MF2C01, MF2C03 |
| | Thallium PBW39 |
| | Silver MF2C33, MF2B95L, MF2B97 |
| | Lead MF2C27, MF2C30, MF2C31, MF2C39, MF2C41, MF2C45, MF2B95, MF2B95D, PBW39, MF2B95L, MF2B97, MF2B99, MF2C01, MF2C03, MF2C05, MF2C07 |
| Blanks | ICP_MS |
| ND04 | The following samples have analyte results greater than or equal to MDLs but less than CRQLs. The associated CCB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Detected analytes are qualified U. Nondetected analytes are not qualified. Sample results are elevated at CRQLs. |
| | MF2C15, MF2C27, MF2C29, MF2C30, MF2C31, MF2C33, MF2C35, MF2C39, MF2B95, MF2C47, MF2B95D, MF2C49, MF2C51, MF2B95L, PBW39, MF2B97, MF2B99, MF2C01, MF2C03, MF2C05, MF2C07, MF2C41, MF2C45 |

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Data Review Reports

Blanks

| Blanks | ICP_MS |
|--------|--|
| | Vanadium MF2C15 , MF2C27 , MF2C29 , MF2C30 , MF2C31 , MF2C33 , MF2C35 , MF2C39 , MF2B95 , MF2C47 , MF2B95D , MF2C49 , MF2C51 , MF2B95L , PBW39 , MF2B97 , MF2B99 , MF2C01 , MF2C03 , MF2C05 , MF2C07 |
| | Arsenic MF2C29 , MF2B95L |
| | Barium MF2C29 , MF2B95L |
| | Cobalt MF2C15 , MF2C27 , MF2C29 , MF2C30 , MF2C31 , MF2C41 , MF2C45 , MF2B95 , MF2B95D , MF2B95L , MF2B97 , MF2B99 , MF2C01 , MF2C03 , MF2C05 , MF2C07 |
| | Beryllium MF2C33 , MF2C35 , MF2C39 , MF2C41 , MF2C45 , MF2B95 , MF2C47 , MF2C49 , MF2B95D , MF2C51 , MF2B95L , MF2B97 , MF2B99 , MF2C01 , MF2C03 , MF2C05 |
| | Antimony MF2C31 , MF2C33 , MF2B99 , MF2C01 , MF2C03 |
| | Thallium PBW39 |
| | Copper MF2C15 , MF2C29 , MF2C30 , MF2C31 , MF2C35 , MF2C39 |
| | Silver MF2C33 , MF2B95L , MF2B97 |
| | Lead MF2C27 , MF2C30 , MF2C31 , MF2C39 , MF2C41 , MF2B95 , MF2C45 , MF2B95D , MF2B95L , PBW39 , MF2B97 , MF2B99 , MF2C01 , MF2C03 , MF2C05 , MF2C07 |
| Blanks | ICP_MS |
| ND05 | The following samples have analyte results greater than CRQLs. The associated ICB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Use professional judgment to qualified detected and nondetected analytes. |
| | MF2C41 , LCS39 , MF2C45 , MF2B95S , MF2C27 , MF2C30 , MF2C31 , MF2C33 , MF2C35 , MF2C39 , MF2B95 , MF2C47 , MF2C49 , MF2B95D , MF2C51 , MF2B97 , MF2B99 , MF2C01 , MF2C03 , MF2C05 , MF2C07 , MF2C15 |
| | Vanadium MF2C41 , LCS39 , MF2C45 , MF2B95S |
| | Arsenic MF2C27 , MF2C30 , MF2C31 , MF2C33 , MF2C35 , MF2C39 , LCS39 , MF2C41 , MF2C45 , MF2B95 , MF2C47 , MF2C49 , MF2B95D , MF2C51 , MF2B95S , MF2B97 , MF2B99 , MF2C01 , MF2C03 , MF2C05 , MF2C07 , MF2C15 |
| | Cobalt MF2C35 , MF2C39 , LCS39 , MF2C47 , MF2C49 , MF2C51 , MF2B95S |
| | Barium MF2C15 , MF2C27 , MF2C30 , MF2C31 , MF2C33 , MF2C35 , MF2C39 , LCS39 , MF2C41 , MF2C45 , MF2B95 , MF2C47 , MF2C49 , MF2B95D , MF2C51 , MF2B95S , MF2B97 , MF2B99 , MF2C01 , MF2C03 , MF2C05 , MF2C07 |
| | Beryllium LCS39 , MF2B95S |
| | Antimony LCS39 , MF2B95S |
| | Thallium LCS39 , MF2B95S |
| | Silver LCS39 , MF2B95S |
| | Lead MF2C33 , LCS39 , MF2C47 , MF2C49 , MF2C51 , MF2B95S |
| Blanks | ICP_MS |
| ND06 | The following samples have analyte results greater than CRQLs. The associated CCB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Use professional judgment to qualified detected and nondetected analytes. |
| | MF2C15 , MF2C29 , MF2C30 , MF2C41 , LCS39 , MF2C45 , MF2B95L , MF2B95S , MF2B95A , MF2C27 , MF2C31 , MF2C33 , MF2C35 , MF2C39 , MF2C47 , MF2C49 , MF2C51 , MF2B95 , MF2B95D , MF2B97 , MF2B99 , MF2C01 , MF2C03 , MF2C05 , MF2C07 |

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Data Review Reports

Blanks

| Blanks | ICP_MS |
|--------|---|
| | Vanadium MF2C15 , MF2C29 , MF2C30 , MF2C41 , LCS39 , MF2C45 , MF2B95L , MF2B95S |
| | Selenium MF2B95A |
| | Arsenic MF2C27 , MF2C29 , MF2C30 , MF2C31 , MF2C33 , MF2C35 , MF2C39 , MF2C41 , MF2C15 |
| | Cobalt MF2C15 , MF2C29 , MF2C35 , MF2C39 , LCS39 , MF2C47 , MF2C49 , MF2C51 , MF2B95L , MF2B95S |
| | Barium MF2C15 , MF2C27 , MF2C29 , MF2C30 , MF2C31 , MF2C33 , MF2C35 , MF2C39 , LCS39 , MF2C41 , MF2C45 , MF2B95 , MF2C47 , MF2C49 , MF2B95D , MF2C51 , MF2B95L , MF2B95S , MF2B97 , MF2B99 , MF2C01 , MF2C03 , MF2C05 , MF2C07 |
| | Beryllium LCS39 , MF2B95S |
| | Antimony LCS39 , MF2B95S |
| | Thallium LCS39 , MF2B95S |
| | Cadmium LCS39 , MF2B95S |
| | Silver LCS39 , MF2B95S |
| | Lead MF2C33 , LCS39 , MF2C47 , MF2C49 , MF2C51 , MF2B95S |
| Blanks | ICP_MS |
| NE04 | The following samples have analyte results greater than or equal to MDLs but less than or equal to CRQLs. The associated preparation blank analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Detected analytes are qualified U. Nondetected analytes are not qualified. Sample results are elevated to CRQLs. MF2C15, MF2C27, MF2C29, MF2C30, MF2C31, MF2C33, MF2C35, MF2C39, MF2C47, MF2B95, MF2B95D, MF2C49, MF2C51, MF2B97, MF2B99, MF2C01, MF2C03, MF2C05, MF2C07, MF2C41, MF2C45 Vanadium MF2C15 , MF2C27 , MF2C29 , MF2C30 , MF2C31 , MF2C33 , MF2C35 , MF2C39 , MF2C47 , MF2B95 , MF2B95D , MF2C49 , MF2C51 , MF2B97 , MF2B99 , MF2C01 , MF2C03 , MF2C05 , MF2C07 Lead MF2C27 , MF2C30 , MF2C31 , MF2C35 , MF2C39 , MF2C41 , MF2B95 , MF2C45 , MF2B95D , MF2B97 , MF2B99 , MF2C01 , MF2C03 , MF2C05 , MF2C07 |
| Blanks | ICP_MS |
| NE05 | The following samples have analyte results greater than CRQLs. The associated preparation blank analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Use professional judgment to qualify detected and nondetected analytes. MF2C41, LCS39, MF2C45, MF2B95S, MF2C33, MF2C47, MF2C49, MF2C51 Vanadium MF2C41 , LCS39 , MF2C45 , MF2B95S Thallium LCS39 , MF2B95S Lead MF2C33 , LCS39 , MF2C47 , MF2C49 , MF2C51 , MF2B95S |

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Data Review Reports

Detection Limit

| Detection Limit | ICP_AES |
|-----------------|--|
| NDL1 | The following samples have results greater than or equal to MDLs but less than CRQLs. Detected analytes are qualified J. |
| | PBW40, MF2C29, MF2C30, MF2C39, MF2C03, MF2C51, MF2B95, MF2B95D, MF2B97, MF2B99, MF2C01 |
| | Sodium PBW40 |
| | Calcium PBW40 |
| | Aluminum MF2C29 , MF2C30 , MF2C39 |
| | Potassium MF2C03 , MF2C51 , PBW40 , MF2B95 , MF2B95D , MF2B97 , MF2B99 , MF2C01 |
| | Magnesium PBW40 , MF2B95 , MF2B95D |

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Data Review Reports

Detection Limit

| Detection Limit | ICP_MS |
|-----------------|--|
| NDL1 | The following samples have results greater than or equal to MDLs but less than CRQLs. Detected analytes are qualified J. |
| | MF2C15, MF2C27, MF2C29, MF2C30, MF2C31, MF2C33, MF2C35, MF2C39, MF2C47, MF2B95, MF2B95D, MF2C49, MF2C51, MF2B95L, PBW39, MF2B97, MF2B99, MF2C01, MF2C03, MF2C05, MF2C07, MF2C45, MF2C41 |
| | Vanadium MF2C15 , MF2C27 , MF2C29 , MF2C30 , MF2C31 , MF2C33 , MF2C35 , MF2C39 , MF2C47 , MF2B95 , MF2B95D , MF2C49 , MF2C51 , MF2B95L , PBW39 , MF2B97 , MF2B99 , MF2C01 , MF2C03 , MF2C05 , MF2C07 |
| Arsenic | MF2C29 , MF2B95L |
| Chromium | MF2C35 , MF2C39 , MF2B95 , MF2B95D , MF2C49 , MF2C51 , MF2B97 , MF2B99 , MF2C01 , MF2C03 , MF2C05 |
| Nickel | MF2C15 , MF2C29 , MF2C30 , MF2B95 , MF2B95D , MF2C03 |
| Copper | MF2C15 , MF2C29 , MF2C30 , MF2C31 , MF2C35 , MF2C39 , MF2B95 , MF2C45 , MF2B95D , MF2C49 , MF2C51 , MF2B95L , MF2B97 , MF2C03 , MF2C05 , MF2C07 |
| Lead | MF2C27 , MF2C30 , MF2C31 , MF2C39 , MF2C41 , MF2B95 , MF2C45 , MF2B95D , MF2B95L , PBW39 , MF2B97 , MF2B99 , MF2C01 , MF2C03 , MF2C05 , MF2C07 |
| Selenium | MF2C30 , MF2C31 , MF2C33 , MF2C39 , MF2C41 |
| Cobalt | MF2C15 , MF2C27 , MF2C29 , MF2C30 , MF2C31 , MF2C41 , MF2B95 , MF2C45 , MF2B95D , MF2B95L , MF2B97 , MF2B99 , MF2C01 , MF2C03 , MF2C05 , MF2C07 |
| Barium | MF2C29 , MF2B95L |
| Zinc | MF2C51 , MF2B95L |
| Beryllium | MF2C33 , MF2C35 , MF2C39 , MF2C41 , MF2B95 , MF2C45 , MF2C47 , MF2B95D , MF2C49 , MF2C51 , MF2B95L , MF2B97 , MF2B99 , MF2C01 , MF2C03 , MF2C05 |
| Antimony | MF2C31 , MF2C33 , MF2B99 , MF2C01 , MF2C03 |
| Thallium | PBW39 |
| Silver | MF2C33 , MF2B95L , MF2B97 |

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Data Review Reports

Holding Times/Preservation

| Holding Times/Preservation | Hg |
|----------------------------|---|
| NHT01 | The following preserved samples are improperly maintained at temperatures outside the range of 4+/-2 C. Detected analytes with results greater than or equal to MDLs are qualified J-. Use professional judgment to qualify the nondetected analytes. |
| | MF2B95, MF2B95D, MF2B95S, MF2B97, MF2B99, MF2C01, MF2C03, MF2C05, MF2C07, MF2C15, MF2C27, MF2C29, MF2C30, MF2C31, MF2C33, MF2C35, MF2C39, MF2C41, MF2C45, MF2C47, MF2C49, MF2C51 |

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Data Review Reports

Holding Times/Preservation

| Holding Times/Preservation | ICP_AES |
|----------------------------|---|
| NHT01 | The following preserved samples are improperly maintained at temperatures outside the range of 4+/-2 C. Detected analytes with results greater than or equal to MDLs are qualified J-. Use professional judgment to qualify the nondetected analytes. |
| | MF2C03, MF2C05, MF2C07, MF2C15, MF2C27, MF2C29, MF2C30, MF2C31, MF2C33, MF2C35, MF2C39, MF2C41, MF2C45, MF2C47, MF2C49, MF2C51, MF2B95, MF2B95D, MF2B95L, MF2B95S, MF2B97, MF2B99, MF2C01 |

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Data Review Reports

Holding Times/Preservation

| Holding Times/Preservation | ICP_MS |
|----------------------------|---|
| NHT01 | The following preserved samples are improperly maintained at temperatures outside the range of 4+/-2 C. Detected analytes with results greater than or equal to MDLs are qualified J-. Use professional judgment to qualify the nondetected analytes. |
| | MF2C27, MF2C29, MF2C30, MF2C31, MF2C33, MF2C35, MF2C39, MF2C41, MF2C45, MF2B95, MF2C47, MF2C49, MF2B95A, MF2B95D, MF2B95L, MF2C51, MF2B95S, MF2B97, MF2B99, MF2C01, MF2C03, MF2C05, MF2C07, MF2C15 |

National Functional Guidelines Report #03

Lab MITKEM(Mitkem Laboratories) SDG MF2B95 Case 43795 Contract EPW09039 Region 6 DDTID 184076 SOW ISM01.3

Data Review Reports

Matrix Spikes

| Matrix Spikes | ICP_MS |
|---------------|---|
| NG11 | The following Matrix Spike samples have percent recoveries in the range of 30-74% and post-digestion spike samples have percent recoveries greater than or equal to 75%. Detected analytes with results greater than or equal to MDLs are qualified J. Nondetected analytes are qualified UJ. |
| | MF2B95, MF2B97, MF2B99, MF2C01, MF2C03, MF2C05, MF2C07, MF2C15, MF2C27, MF2C29, MF2C30, MF2C31, MF2C33, MF2C35, MF2C39, MF2C41, MF2C45, MF2C47, MF2C49, MF2C51 |
| | Selenium MF2B95S |

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Data Review Reports

Serial Dilution

| Serial Dilution | ICP_AES |
|-----------------|--|
| NL031 | The following ICP-AES Serial Dilution (SD) samples have percent difference (%D) greater than 10% and initial sample results are greater than 50xMDLs. The detected analytes in samples with results greater than or equal to MDLs are qualified J. Nondetected analytes in samples are qualified UJ. |
| | MF2B95, MF2B97, MF2B99, MF2C01, MF2C03, MF2C05, MF2C07, MF2C15, MF2C27, MF2C29, MF2C30, MF2C31, MF2C33, MF2C35, MF2C39, MF2C41, MF2C45, MF2C47, MF2C49, MF2C51 |
| | Sodium MF2B95L |